EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	666	DAHLMANN.in. FEUSTEL.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/12 10:35
L2	43	l1 and hydrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/12 10:35
L3	13799	gas same hydrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/12 10:36
L4	42	l1 and l3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/12 11:25
L5	1476	560/155 560/179 564/152 564/159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/12 10:50
L6	290	l5 and hydrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/12 10:50
L7	0	l5 and l1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/12 10:50
L8	16	l6 and l3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/12 10:50
L9	16	l5 and l3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/12 10:51

L10	2027	I5 or 562/553 or 562/574	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/12 11:26
L11	19	I10 and I3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/12 11:26
L12	3	I11 not I9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/12 11:26

Connecting via Winsock to STN

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LOGINID:ssptayvv1621

PASSWORD:
TERMINAL (ENTER.1, 2, 3, OR ?):2

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NEWS 1   Web Page URLs for STN Seminar Schedule - N. America
NEWS 2   "Ask CAS" for self-help around the clock
NEWS 3   AUG 09 INSPEC enhanced with 1898-1968 archive
NEWS 4   AUG 28 ADISCTI Reloaded and Enhanced
NEWS 5   AUG 30 CA(SM)/CAplus(SM) Austrian patent law changes
NEWS 6   SEP 11 CA/CAplus enhanced with more pre-1907 records
NEWS 7   SEP 21 CA/CAplus fields enhanced with simultaneous left and right
                  truncation
NEWS 8   SEP 25 CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS 9   SEP 25 CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS 10   SEP 25 CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS 11   SEP 28 CEABA-VTB classification code fields reloaded with new
                  classification scheme
NEWS 12   OCT 19 LOGOFF HOLD duration extended to 120 minutes
NEWS 13   OCT 19 E-mail format enhanced
NEWS 14   OCT 23 Option to turn off MARPAT highlighting enhancements available
NEWS 15   OCT 23 CAS Registry Number crossover limit increased to 300,000 in
                  multiple databases
NEWS 16   OCT 23 The Derwent World Patents Index suite of databases on STN
                  has been enhanced and reloaded
NEWS 17   OCT 30 CHEMLIST enhanced with new search and display field
NEWS 18   NOV 03 JAPIO enhanced with IPC 8 features and functionality
NEWS 19   NOV 10 CA/CAplus F-Term thesaurus enhanced
NEWS 20   NOV 10 STN Express with Discover! free maintenance release Version
                  8.01c now available
NEWS 21   NOV 13 CA/CAplus pre-1967 chemical substance index entries enhanced
                  with preparation role
NEWS 22   NOV 20 CAS Registry Number crossover limit increased to 300,000 in
                  additional databases
NEWS 23   NOV 20 CA/CAplus to MARPAT accession number crossover limit increased
                  to 50,000
NEWS 24   NOV 20 CA/CAplus patent kind codes will be updated
NEWS 25   DEC 01 CAS REGISTRY updated with new ambiguity codes
NEWS 26   DEC 11 CAS REGISTRY chemical nomenclature enhanced

NEWS EXPRESS   NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS LOGIN   Welcome Banner and News Items
NEWS IPC8   For general information regarding STN implementation of IPC 8
NEWS X25   X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that
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FILE 'HOME' ENTERED AT 10:28:21 ON 12 DEC 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:28:35 ON 12 DEC 2006
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 11 DEC 2006 · HIGHEST RN 915185-72-7
DICTIONARY FILE UPDATES: 11 DEC 2006 HIGHEST RN 915185-72-7

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
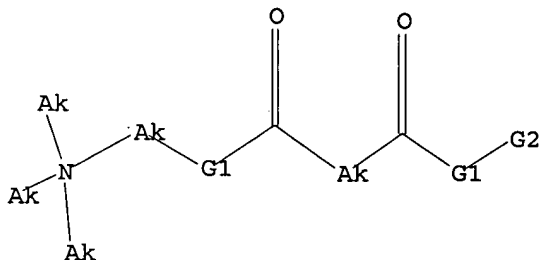on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10783188.str

L1   STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1   STR

G1 O,N

G2 H,Me,CH2,CH,Ph,Cb,Cy,Ak

Structure attributes must be viewed using STN Express query preparation.

```
=> s l1
SAMPLE SEARCH INITIATED 10:28:58 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    521051 TO ITERATE

   0.4% PROCESSED      2000 ITERATIONS                            0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **INCOMPLETE**
PROJECTED ITERATIONS:     10380320 TO 10461720
PROJECTED ANSWERS:                0 TO        0

L2           0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 10:29:03 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 10413698 TO ITERATE

   2.8% PROCESSED    287620 ITERATIONS                          8 ANSWERS

   5.6% PROCESSED    587810 ITERATIONS                         14 ANSWERS

   9.2% PROCESSED    961528 ITERATIONS                         17 ANSWERS

   9.6% PROCESSED   1000000 ITERATIONS                         17 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.01.00

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **INCOMPLETE**
PROJECTED ITERATIONS:     10413698 TO 10413698
PROJECTED ANSWERS:              138 TO      216

L3          17 SEA SSS FUL L1

=> file ca plus
'PLUS' IS NOT A VALID FILE NAME
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available.  If you have requested multiple files, you can
specify a corrected file name or you.can enter "IGNORE" to continue
accessing the remaining file names entered.
ENTER A FILE NAME OR (IGNORE):caplus
COST IN U.S. DOLLARS                     SINCE FILE      TOTAL
                                           ENTRY        SESSION
FULL ESTIMATED COST                        167.82       168.03

FILE 'CA' ENTERED AT 10:30:33 ON 12 DEC 2006
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=> s l3 not py > 2004
L4           4 L3 NOT PY > 2004

=> s l4 and hydrate
L5           0 L4 AND HYDRATE
```
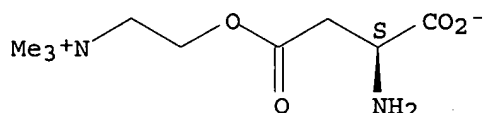
```
=> s 14 and additive?
L6               0 L4 AND ADDITIVE?

=> s 14 and gas
L7               0 L4 AND GAS

=> d 14 ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 4 ANSWERS - CONTINUE? Y/(N):y
```

L4   ANSWER 1 OF 4   CA   COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 63:75183 CA
ORIGINAL REFERENCE NO.:   63:13889d-f
TITLE: Fatty liver induced by 2-ethylthioisonicotinamide
                          (ethionamide)
AUTHOR(S):   Hayano, Kazuo; Ito, Fumio; Yamamura, Yuichi
CORPORATE SOURCE: Univ. Osaka, Japan
SOURCE: Journal of Biochemistry (Tokyo, Japan) (1965), 58(1),
                          34-8
                          CODEN: JOBIAO; ISSN: 0021-924X
DOCUMENT TYPE: Journal
LANGUAGE: English
AB   When rats were fed 0.3% ethionamide (I) for 1 week, the liver lipid
       content increased .apprx.2-fold compared with that of rats fed on a
       control diet. Increased liver lipid fractions were cholesterol esters,
       free cholesterol, diglycerides, monoglycerides, and especially triglycerides.
       Intraperitoneal injection of phosphorylcholine, cytidine, and
       5-aminoimidazole-4-carboxamide completely inhibited of fatty livers caused
       by I; CDP-choline, aspartylcholine, and uridine also showed the
       considerable inhibition but did not reduce lipid levels to that of the
       control group. Choline chloride, methylglycine, carnitine, ethanolamine,
       and orotic acid had no inhibitory effect.
IT   899815-43-1, Aspartic acid (aminosuccinic acid), ester with
       choline
           (effect on fatty liver induction by ethioniamide)
RN   899815-43-1 CA
CN   Aspartic acid (aminosuccinic acid), ester with choline (7CI)   (CA INDEX
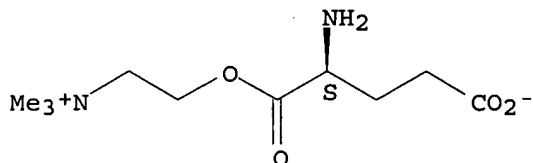   NAME)

Absolute stereochemistry.

L4   ANSWER 2 OF 4   CA   COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 48:29737 CA
ORIGINAL REFERENCE NO.:   48:5354h-i,5355a
TITLE: Glutamylcholine and vitamin B1 treatment of
                          poliomyelitis monkeys. Preliminary report
AUTHOR(S):   Kitaoka, Masami; Miura, Teiji; Hori, Kikuko
CORPORATE SOURCE: Natl. Inst. Health, Tokyo
SOURCE: Japan. J. Med. Sci. and Biol. (1953), 6, 475-80
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
AB   Monkeys (2.5 kg.) which had developed paralysis from poliomyelitis vaccine
       or from the intracerebral inoculation of the Brunhilde or Leon strains
       were given daily intracerebral injections of 0.5-2.0 cc. of a mixture of
       glutamylcholine, 3 mg./cc., and vitamin B1, 5 mg./cc. Thirteen of 16
       monkeys survived, whereas 9 out of 9 untreated animals died. However, the
       9 untreated animals were not direct controls, but the impressions during
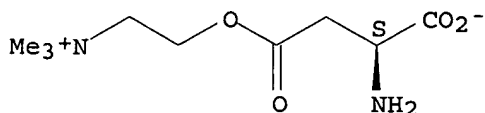   the expts. favor the treatment.

IT   907582-19-8P, Choline, α-glutamate, inner salt
      RL: PREP (Preparation)
          (preparation of)
RN   907582-19-8 CA
CN   Choline, α-glutamate, inner salt (5CI)   (CA INDEX NAME)

Absolute stereochemistry.

L4   ANSWER 3 OF 4   CAPLUS   COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1965:475183   CAPLUS
DOCUMENT NUMBER: 63:75183
ORIGINAL REFERENCE NO.: 63:13889d-f
TITLE: Fatty liver induced by 2-ethylthioisonicotinamide
                         (ethionamide)
AUTHOR(S):   Hayano, Kazuo; Ito, Fumio; Yamamura, Yuichi
CORPORATE SOURCE: Univ. Osaka, Japan
SOURCE: Journal of Biochemistry (Tokyo, Japan) (1965), 58(1),
                         34-8
                         CODEN: JOBIAO; ISSN: 0021-924X
DOCUMENT TYPE: Journal
LANGUAGE: English
AB   When rats were fed 0.3% ethionamide (I) for 1 week, the liver lipid
      content increased .apprx.2-fold compared with that of rats fed on a
      control diet. Increased liver lipid fractions were cholesterol esters,
      free cholesterol, diglycerides, monoglycerides, and especially triglycerides.
      Intraperitoneal injection of phosphorylcholine, cytidine, and
      5-aminoimidazole-4-carboxamide completely inhibited of fatty livers caused
      by I; CDP-choline, aspartylcholine, and uridine also showed the
      considerable inhibition but did not reduce lipid levels to that of the
      control group. Choline chloride, methylglycine, carnitine, ethanolamine,
      and orotic acid had no inhibitory effect.
IT   899815-43-1, Aspartic acid (aminosuccinic acid), ester with
      choline
          (effect on fatty liver induction by ethioniamide)
RN   899815-43-1 CAPLUS
CN   Aspartic acid (aminosuccinic acid), ester with choline (7CI)   (CA INDEX
      NAME)

Absolute stereochemistry.

L4   ANSWER 4 OF 4   CAPLUS   COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1954:29737   CAPLUS
DOCUMENT NUMBER: 48:29737
ORIGINAL REFERENCE NO.: 48:5354h-i,5355a
TITLE: Glutamylcholine and vitamin B1 treatment of
                         poliomyelitis monkeys. Preliminary report
AUTHOR(S):   Kitaoka, Masami; Miura, Teiji; Hori, Kikuko
CORPORATE SOURCE: Natl. Inst. Health, Tokyo

AB   Monkeys (2.5 kg.) which had developed paralysis from poliomyelitis vaccine
      or from the intracerebral inoculation of the Brunhilde or Leon strains
      were given daily intracerebral injections of 0.5-2.0 cc. of a mixture of
      glutamylcholine, 3 mg./cc., and vitamin B1, 5 mg./cc. Thirteen of 16
      monkeys survived, whereas 9 out of 9 untreated animals died. However, the
      9 untreated animals were not direct controls, but the impressions during
      the expts. favor the treatment.
IT   907582-19-8P, Choline, α-glutamate, inner salt
      RL: PREP (Preparation)
         (preparation of)
RN   907582-19-8 CAPLUS
CN   Choline, α-glutamate, inner salt (5CI)   (CA INDEX NAME)

Absolute stereochemistry.